

CLASSIFICATION

SECRET

**SECRET**CENTRAL INTELLIGENCE AGENCY  
INFORMATION FROM  
FOREIGN DOCUMENTS OR RADIO BROADCASTS

REPORT

CD NO.

50X1-HUM

COUNTRY USSR

SUBJECT Economic; Technological - Machine building

DATE OF  
INFORMATION 1949 - 1950HOW  
PUBLISHED Daily newspapers; monthly periodical

DATE DIST. 25 Apr 1950

WHERE  
PUBLISHED USSR

NO. OF PAGES 3

DATE  
PUBLISHED 18 Oct 1949 - Feb 1950

LANGUAGE Russian

SUPPLEMENT TO  
REPORT NO.

THIS DOCUMENT CONTAINS INFORMATION AFFECTING THE NATIONAL DEFENSE OF THE UNITED STATES WITHIN THE MEANING OF ESPIONAGE ACT NO. 18, U. S. C., 21 AND 32, AS AMENDED. ITS TRANSMISSION OR THE REVELATION OF ITS CONTENTS IN ANY MANNER TO AN UNAUTHORIZED PERSON IS PROHIBITED BY LAW. REPRODUCTION OF THIS FORM IS PROHIBITED.

THIS IS UNEVALUATED INFORMATION

SOURCE Newspapers and periodicals as indicated.

SCORE BACKWARD PLANTS;  
KOMPRESSOR PLANT BREAKS BOTTLENECKS

DELINQUENT PLANT BLAMES MINISTRY -- Leningradskaya Pravda, No 16, 19 Jan 50

The Leningrad Russkiy Dizel Plant, under the Ministry of Heavy Machine Building, is floundering under the dictatorship of Bazhenov, who tries to exculpate himself by blaming the Ministry for failure to supply modern equipment and qualified personnel.

However, the responsibility rests squarely with the plant's management. They have done nothing to introduce new techniques, which are clearly available. Lack of mechanization is in glaring evidence in every shop. Sand tamping is done by hand in the casting shop; equipment is not being converted to high-speed methods in the machine and assembly shops; drilling and boring constitute a bottleneck.

Furthermore, there is a deplorable disregard for sanitation and safety measures, with workers groping their way through dark and smoky shops.

IGNORE NEW TECHNOLOGY -- Pravda Vostoka, No 206, 18 Oct 49

Chaos reigns at the Uzbek Pod'yemnik Plant. Piles of unused metal, chemicals, and electrical equipment are clogging valuable space and over 3 million rubles' worth of spare parts are tied up in stock.

Advanced technology is ignored; high-speed methods are not applied. The production, bookkeeping, and accounting departments are characterized by extreme inefficiency, waste, and indebtedness. There is no attempt to keep up with current production indexes. Working capital turnover during the first half of 1949 was slowed 124.3 days, while rejects amounted to about 13 percent of production in August and September.

- 1 -

**SECRET**

CLASSIFICATION

SECRET

STATE	<input checked="" type="checkbox"/> NAVY	<input checked="" type="checkbox"/> NSRB		DISTRIBUTION															
ARMY	<input checked="" type="checkbox"/> AIR	<input checked="" type="checkbox"/> FBI																	

**SECRET**

SECRET

50X1-HUM

All the above is attributable to the laxity of Goncharov, plant director; Galust'yantsev, chief engineer, and Sementsov, party secretary.

#### INSTITUTE AIDS KOMPRESSOR PLANT -- Vechernyaya Moskva, No 298, 19 Dec 49

The Central Scientific Research Institute of Technology and Machine Building recently set up a special section in the boiler-machinery shop of the Kompressor Plant for developing new techniques in electric welding. This operation, which once constituted a bottleneck, is now performed by one-tenth the number of workers formerly required.

A mold-tamping machine, procured from the Krasnaya Presnya Plant, has cut out another bottleneck, which existed under hand-tamping methods.

Vechernyaya Moskva, No 15, 18 Jan 50

The molding shop of the Kompressor Plant is being equipped with a conveyer for medium-size parts production.

#### TELPHERS TO EASE WORK LOAD -- Vechernyaya Moskva, No 308, 30 Dec 49

In 1949 the Krasnyy Blok Plant produced approximately 2,500 hoists above plan.

Labor-consuming operations are being mechanized throughout the plant. A special press now breaks ingots before they go to the cupola furnaces for smelting. Three new telfers will be assembled and used to transport finished parts from the testing station to the finished-products storeroom. An additional telfer will be installed in the worm-hoist shop.

#### NEW ATTACHMENT TRIPLES PRODUCTION -- Vechernyaya Moskva, No 267, 10 Nov 49

The Moscow Krasnyy Fakel Plant has completed the year plan, having turned out 18 new types of pumps during the year.

The plant has evolved a new method of casting the middle section of a rotary pump. A new method has been devised for finishing the tops of self-feeding centrifugal pumps. A special attachment makes it possible to work these parts three times as fast as formerly.

#### FINISHES CRANE IN RECORD TIME -- Vechernyaya Moskva, No 275, 21 Nov 49

The Moscow Tower-Crane Plant has replaced riveting with electric welding in the manufacture of tower cranes. The first welded crane, recently completed, took 1,380 fewer hours to make than when riveting was employed.

#### MACHINES BRING BIG SAVINGS -- Vechernyaya Moskva, No 5, 6 Jan 50

Production at the Glavshifera Machinery Plant has been improved by two new devices. A multiple-die crank press is turning out copes for slate-nail casting at the rate of 100,000-200,000 per shift, affording a yearly saving of 30,000 rubles. A new five-die press with special washer cutters is doubling productivity and saving the plant 40,000 rubles yearly.

- 2 -

SECRET

**SECRET**

**SECRET**

SECRET

50X1-HUM

LUBRICATION SYSTEM PROLONGS LIFE OF MACHINERY -- Sovetskaya Kniga, No 2, Feb 50

[Review of Smazka Metallurgicheskogo Oborudovaniye (Lubrication of Metallurgical Equipment), V. G. Shal'nev, Machine-Building Press, Moscow, 1949.]

Automatic, centralized lubrication systems, which are superior to ordinary hand methods in their economy and continuity of application, have proved ideal for rolling mills.

In one rolling mill, centralized lubrication of the bronze bearing bushings for upper rollers cut down wear to such an extent that the bearings were still functioning normally after one million tons of plate had been rolled. Under hand lubrication, these bearings were good of only 20,000 tons of plate production.

Similarly, the life of bearings for 1,000-millimeter-diameter rollers in a blooming mill was lengthened to handle 220,000 tons of rolled stock after the introduction of centralized lubrication, whereas they formerly only lasted through the rolling of 4,000 tons.

- E N D -

- 3 -

SECRET

**SECRET**